Quantitation Report (Qedit)

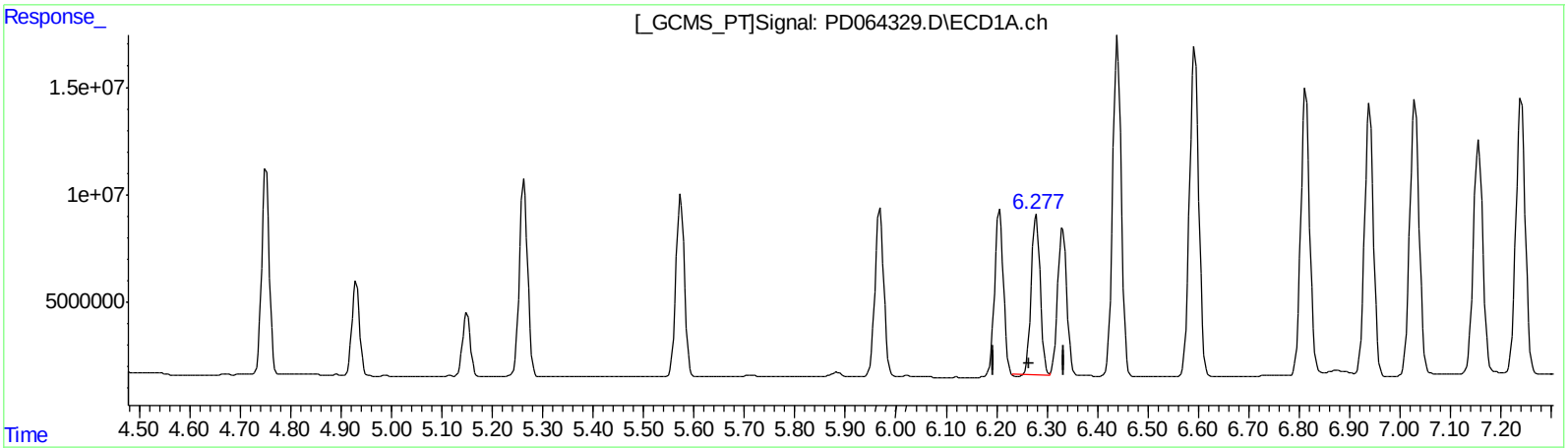
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 13:45
Operator : AR\AJ
Sample : M2995-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

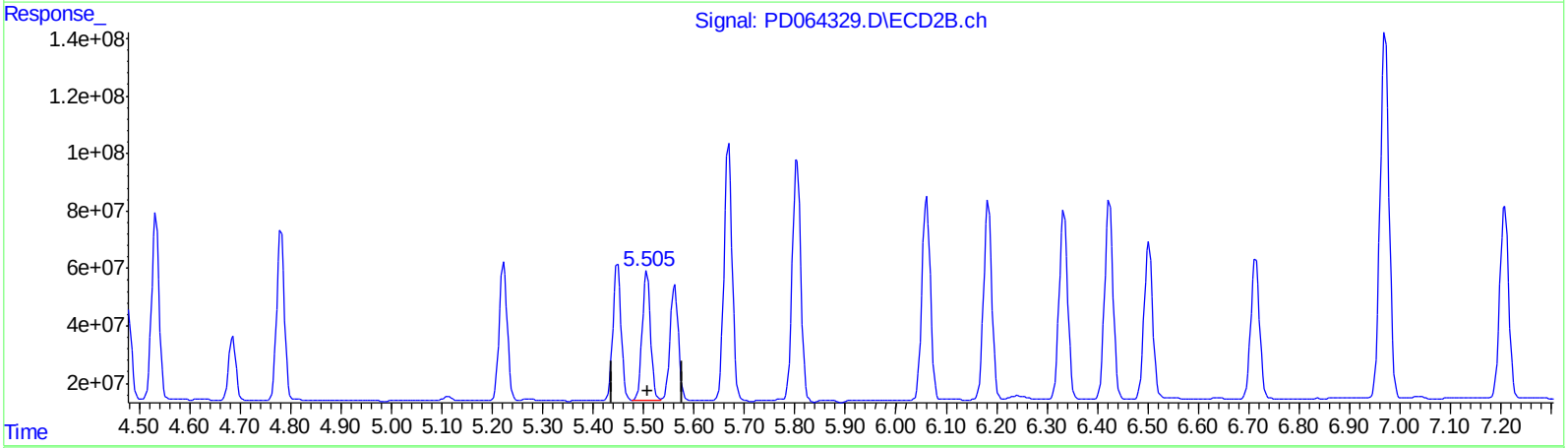
Instrument :
ECD_D
ClientSampleId :
JLX86MSD

Manual Integrations APPROVED
mohammad
7/22/2021 5:04:37 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 05:10:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 14 06:42:28 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(11) cis-Chlordane (B)

6.278min 58.723 ng/ml

response 92084747

(11) cis-Chlordane #2 (B)

5.506min 57.114 ng/ml

response 517112078

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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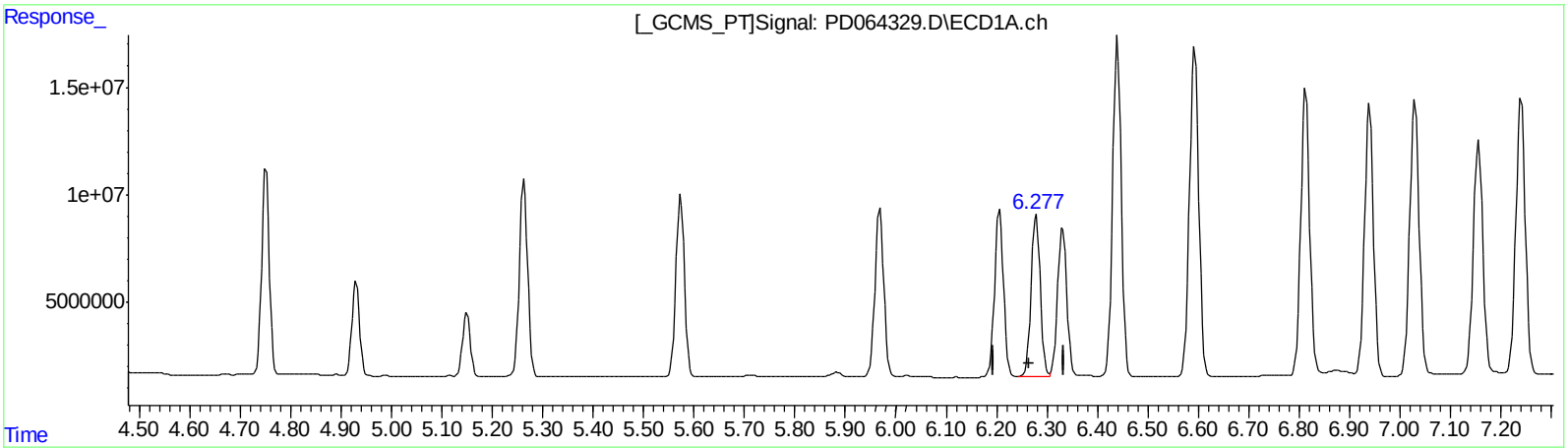

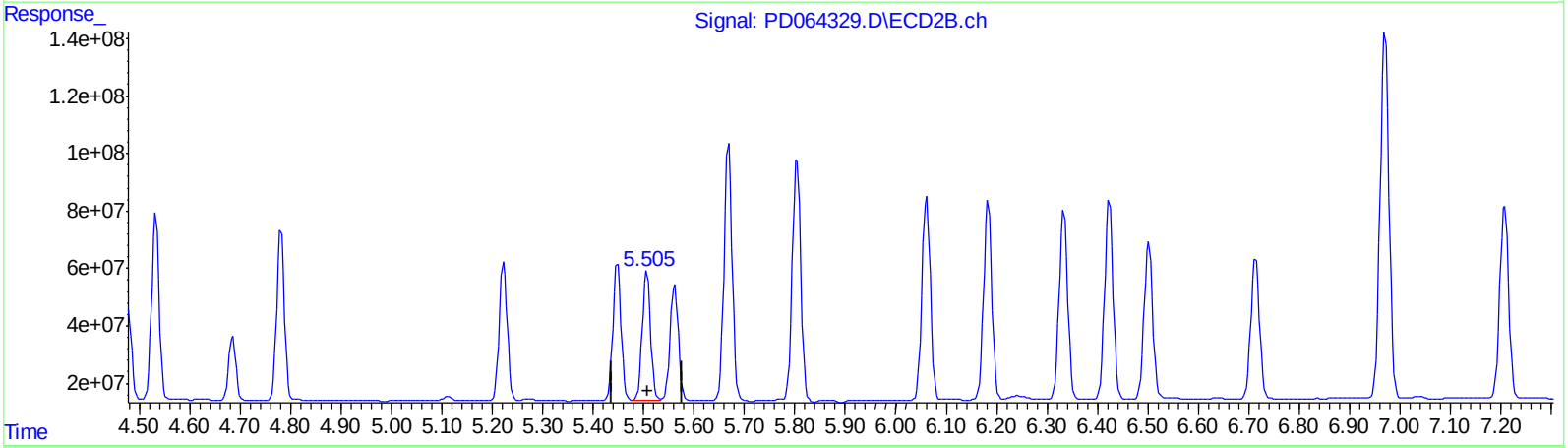

QEdit

(11) cis-Chlordane (B)

6.277min 60.771 ng/ml m

response 95296180

(11) cis-Chlordane #2 (B)

5.506min 57.114 ng/ml

response 517112078

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ALS Vial : 8 Sample Multiplier: 1

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ECD_D
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Manual Integrations APPROVED
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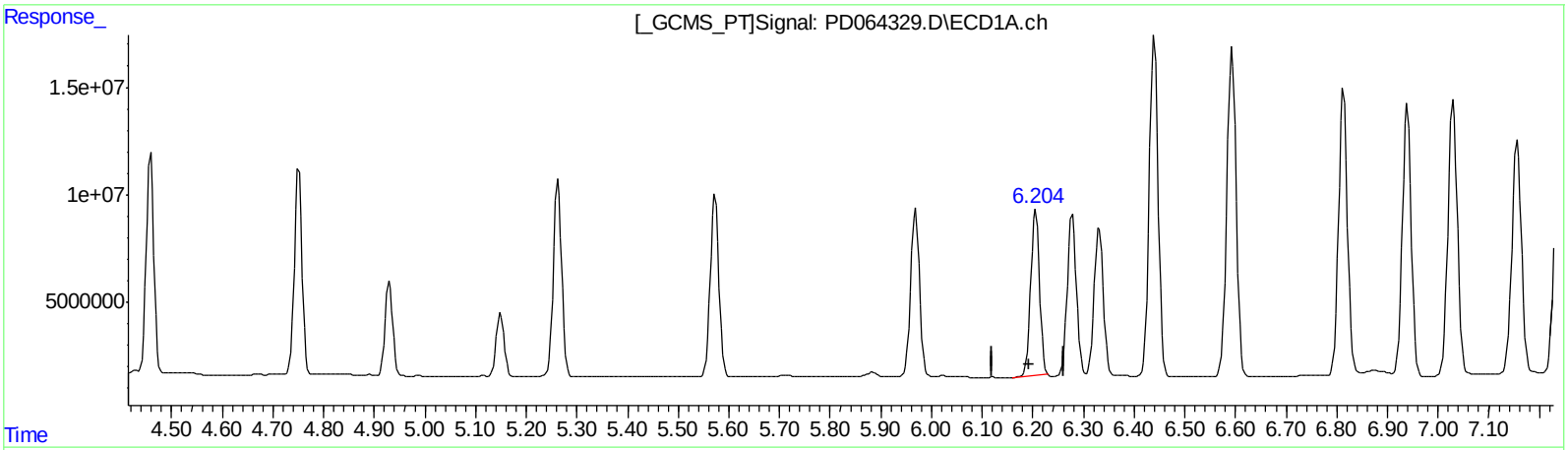

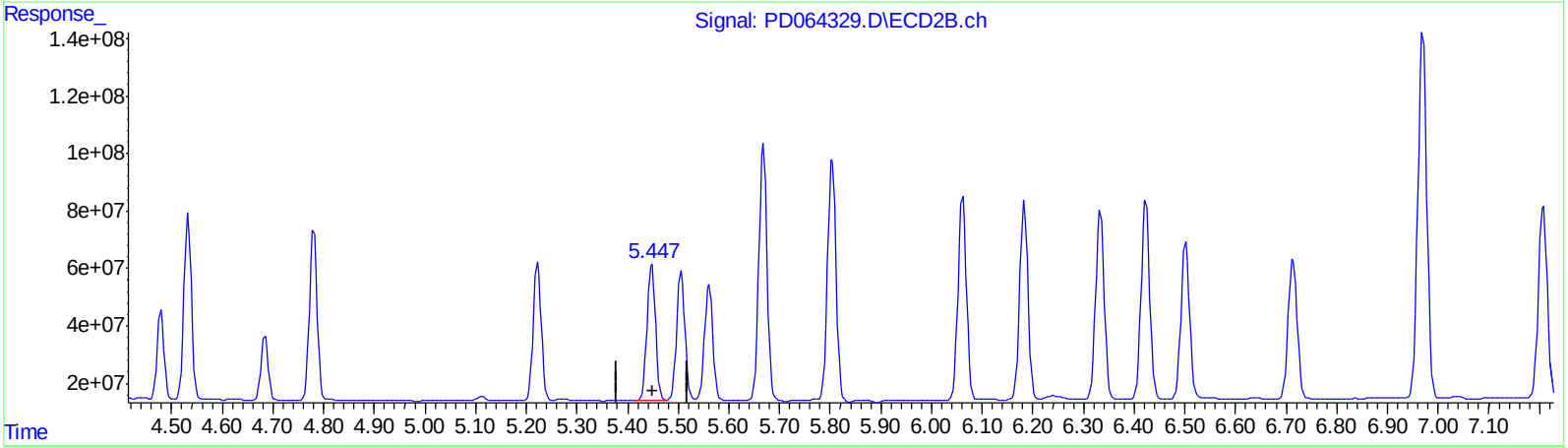

QEdit

(10) trans-Chlordane (B)

6.206min 59.457 ng/ml

response 93976291

(10) trans-Chlordane #2 (B)

5.448min 58.220 ng/ml

response 541614318

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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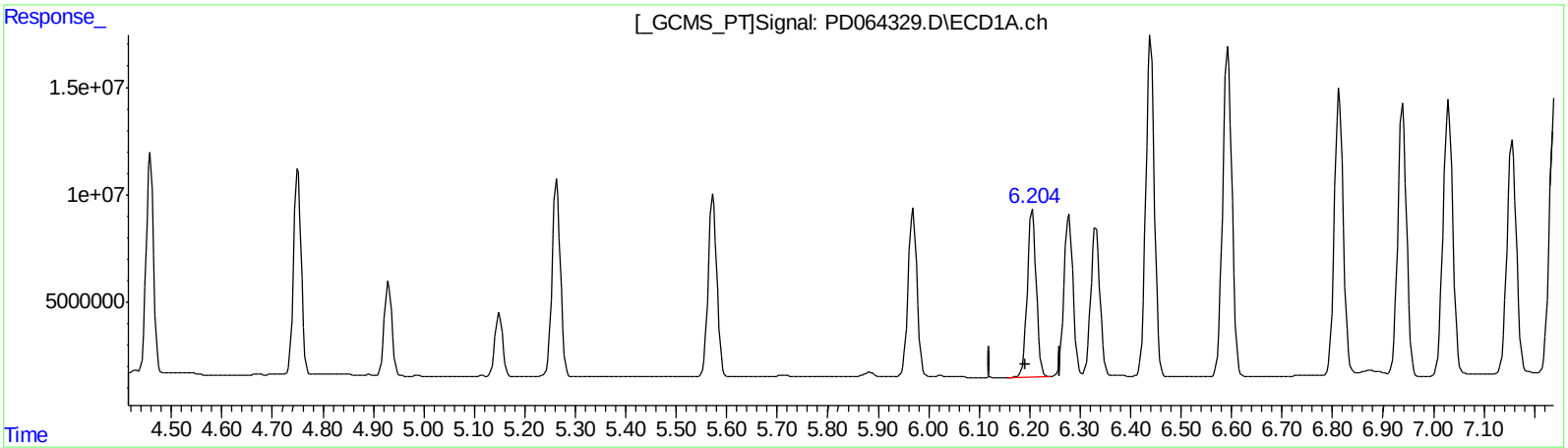

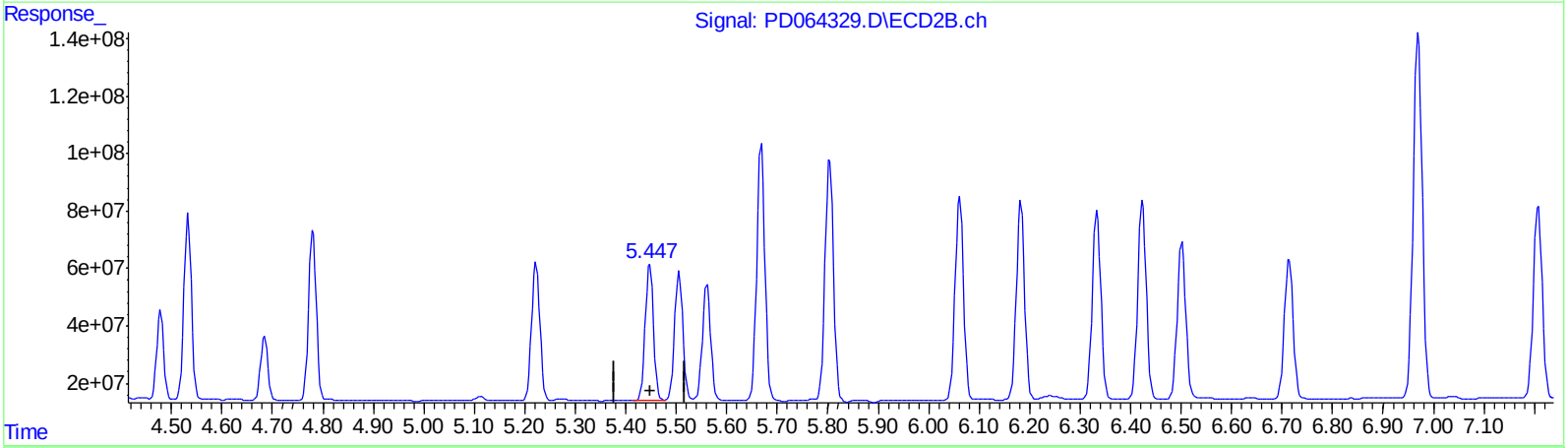

QEdit

(10) trans-Chlordane (B)

6.204min 61.050 ng/ml m

response 96495355

(10) trans-Chlordane #2 (B)

5.448min 58.220 ng/ml

response 541614318

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
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Sample : M2995-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
JLX86MSD

Manual Integrations APPROVED
mohammad
7/22/2021 5:04:37 PM

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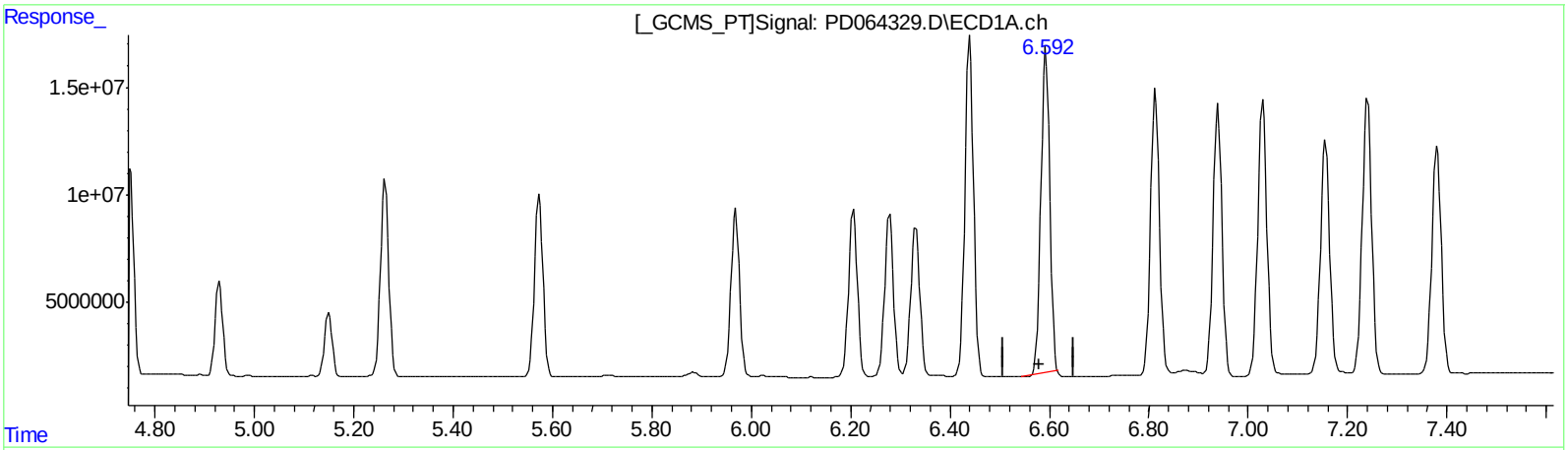

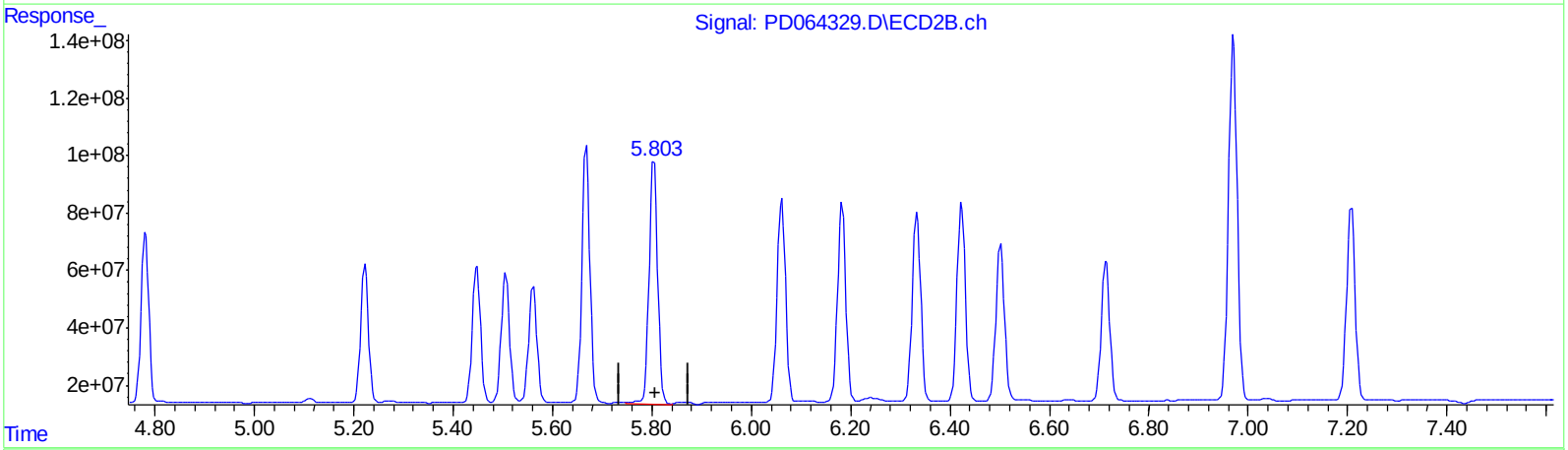

QEdit

(13) Dieldrin (MA)

6.593min 131.512 ng/ml

response 190488295

(13) Dieldrin #2 (MA)

5.804min 118.687 ng/ml

response 1014636945

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ECD_D
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Manual Integrations APPROVED
mohammad
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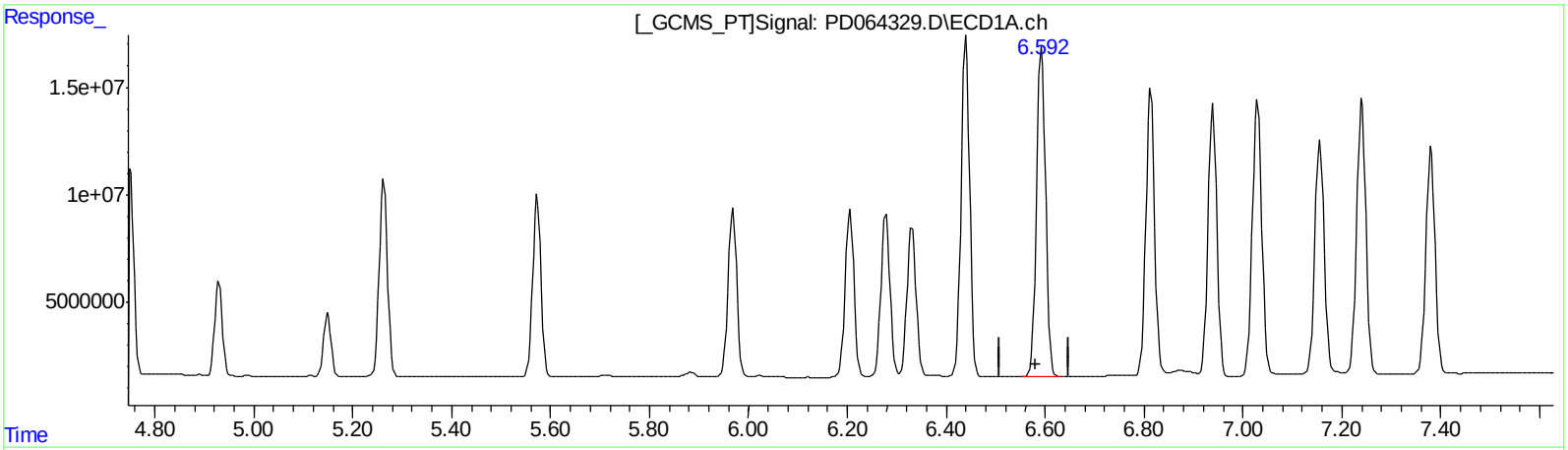

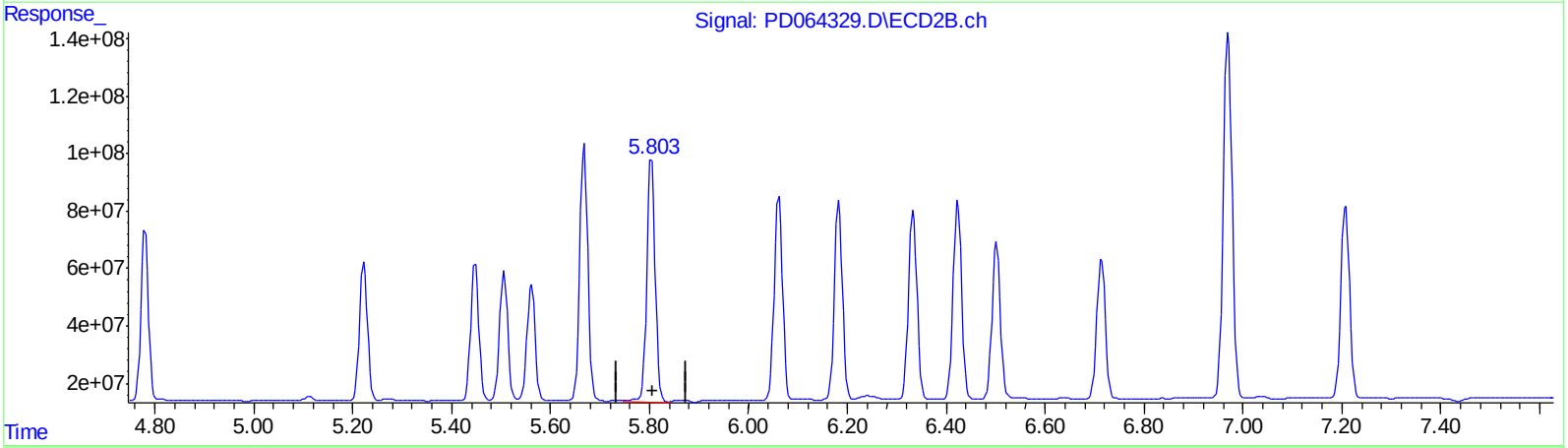

QEdit

(13) Dieldrin (MA)

6.592min 136.576 ng/ml m

response 197824285

(13) Dieldrin #2 (MA)

5.804min 118.687 ng/ml

response 1014636945

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
7/22/2021 5:04:37 PM

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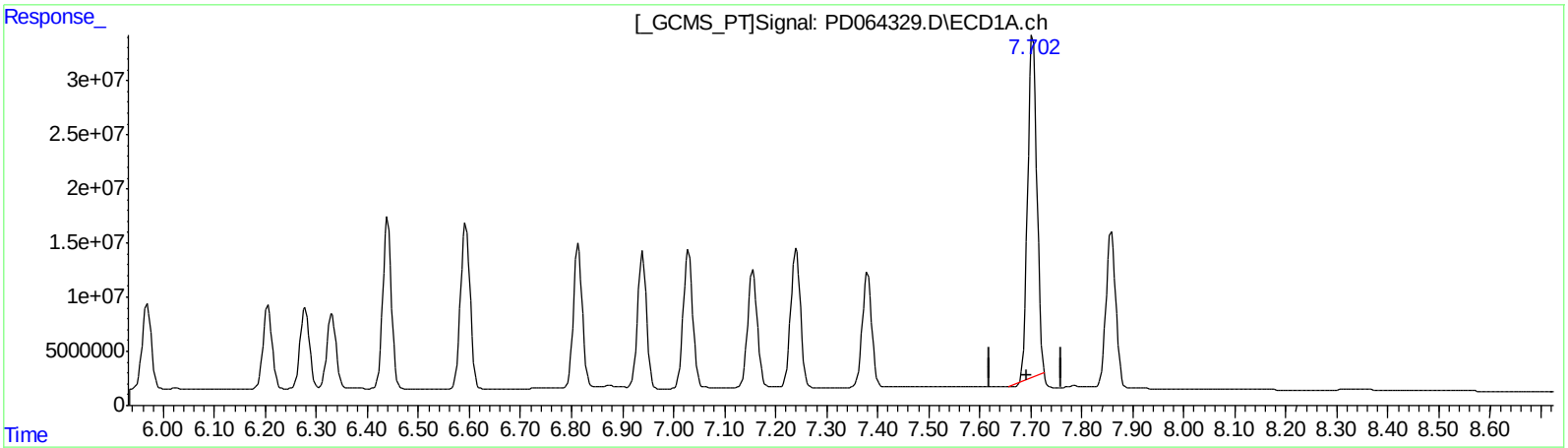

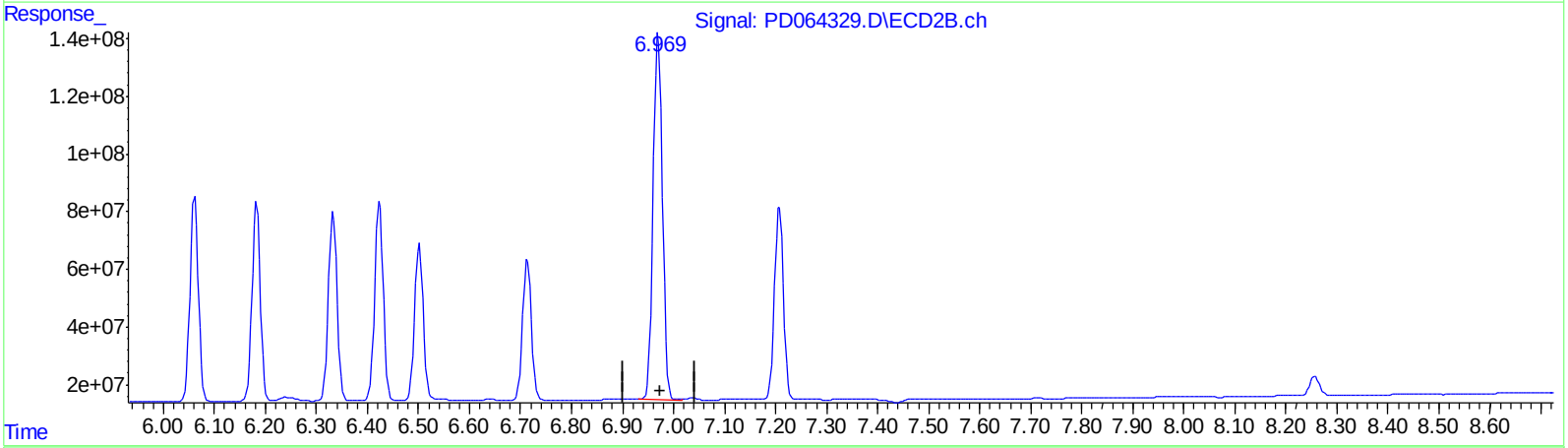

QEdit

(20) Methoxychlor (A)

7.704min 625.385 ng/ml

response 401273161

(20) Methoxychlor #2 (A)

6.970min 516.950 ng/ml

response 1595201399

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ECD_D
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JLX86MSD

Manual Integrations APPROVED
mohammad
7/22/2021 5:04:37 PM

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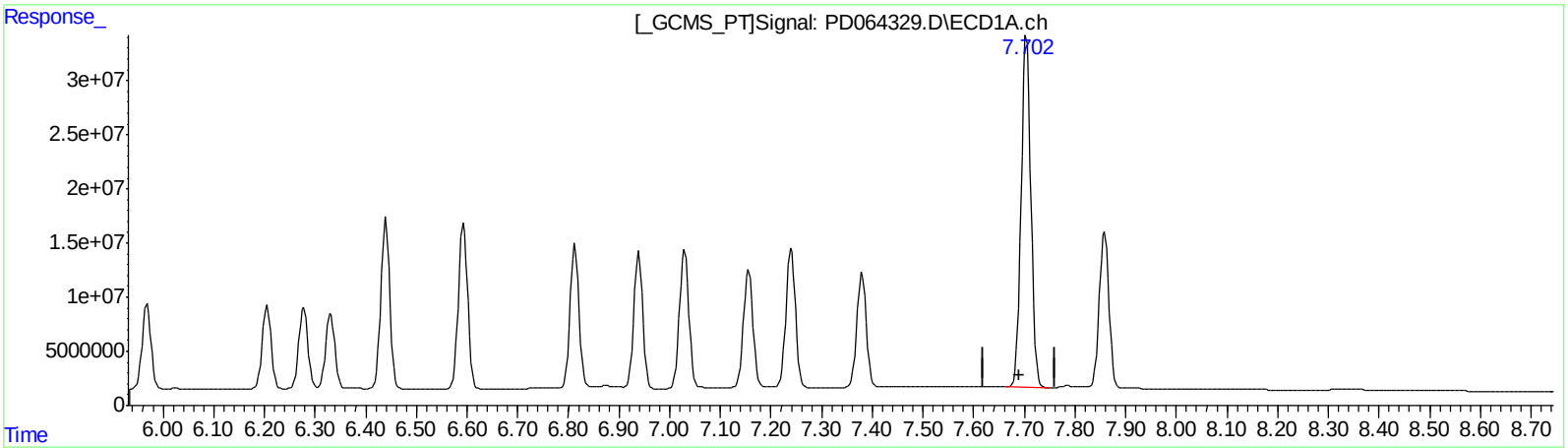

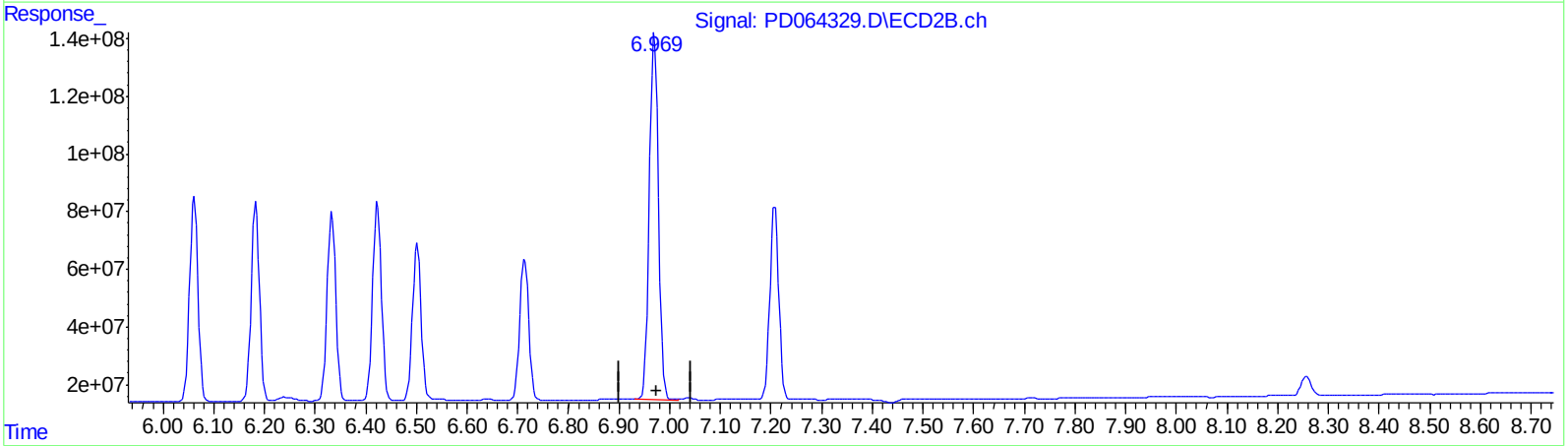

QEdit

(20) Methoxychlor (A)

7.702min 673.705 ng/ml m

response 432277623

(20) Methoxychlor #2 (A)

6.970min 516.950 ng/ml

response 1595201399

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.057	3.511	20413404	123.9E6	15.257	12.405
27)	SA Decachlor...	9.227	8.257	23391468	90028356	21.811	17.234
	Target Compounds						
2)	A alpha-BHC	4.459	3.951	103.3E6	733.7E6	55.458	54.866
3)	MA gamma-BHC...	4.751	4.234	101.0E6	671.0E6	56.727	55.151
4)	MA Heptachlor	5.263	4.533	106.1E6	669.8E6	60.153	58.748
5)	MB Aldrin	5.573	4.781	100.4E6	631.0E6	62.981	60.922
6)	B beta-BHC	4.930	4.479	45926821	294.9E6	54.726	54.265
7)	B delta-BHC	5.150	4.685	32579542	223.5E6	19.075	20.328
8)	B Heptachlo...	5.969	5.223	94921364	538.6E6	62.269	58.951
9)	A Endosulfan I	6.331	5.562	86836946	462.7E6	62.848	54.725
10)	B trans-Chl...	6.204	5.448	96495355	541.6E6	61.050m	58.220
11)	B cis-Chlor...	6.277	5.506	95296180	517.1E6	60.771m	57.114
12)	B 4,4'-DDE	6.440	5.669	187.1E6	1010.3E6	135.050	120.552
13)	MA Dieldrin	6.592	5.804	197.8E6	1014.6E6	136.576m	118.687
14)	MA Endrin	6.813	6.062	161.5E6	830.7E6	136.798	113.961
15)	B Endosulfa...	7.029	6.333	169.7E6	786.2E6	140.428	120.855
16)	A 4,4'-DDD	6.939	6.183	155.5E6	789.9E6	136.561	117.432
17)	MA 4,4'-DDT	7.241	6.424	165.8E6	812.4E6	143.638	116.033
18)	B Endrin al...	7.156	6.502	142.8E6	651.6E6	138.758	117.653
19)	B Endosulfa...	7.380	6.714	138.6E6	596.3E6	112.580	96.845
20)	A Methoxychlor	7.702	6.970	432.3E6	1595.2E6	673.705m	516.950
21)	B Endrin ke...	7.858	7.208	192.8E6	820.1E6	145.048	121.034

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
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Manual Integrations APPROVED
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AJ
07/22/21